# EPAct 2005 Section 701 – Use of Alternative Fuel in Dual-Fuel Vehicles





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### **AGENDA**



- > WHAT DOES EPAct 2005 SECTION 701 REQUIRE?
- > WHY IS IT IMPORTANT?
- > WHAT DOES IT COVER?
- > HOW TO COMPLY?
  - IDENTIFY RELEVANT VEHICLES
  - IDENTIFY RELEVANT FUELING INFRASTRUCTURE
- > WAIVER PROCESS

### REQUIREMENT



### What does section 701 require?

All Federal fleet dual-fuel vehicles must operate on alternative fuel rather than conventional petroleum unless the vehicle has been granted a waiver by DOE.



### WHY IS SEC 701 IMPORTANT?



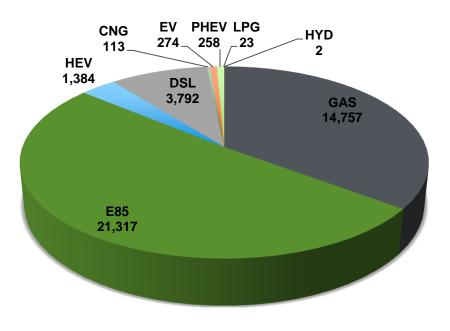
	Requirement	Performance
EO 13514 Petroleum Reduction	Reduce annual petroleum use by <b>16%</b> from FY05 baseline (for FY13)	3.6 percent
EO 13423 Alternative Fuel Use	Increase alternative fuel use by <b>114%</b> from FY05 baseline and greater than <b>5%</b> of total fuel use (for FY13)	232 percent Alternative fuel only 5.3% of total fuel use
EPAct 92 Acquisitions	75% of "covered" Light-Duty Vehicle acquisitions must be AFVs	216 percent
EPAct 05 AF Use in AFVs	<b>All</b> non-waivered dual-fueled AFVs must use alternative fuel	21 percent

**KEY FY13 FEDERAL COMPLIANCE METRICS** 

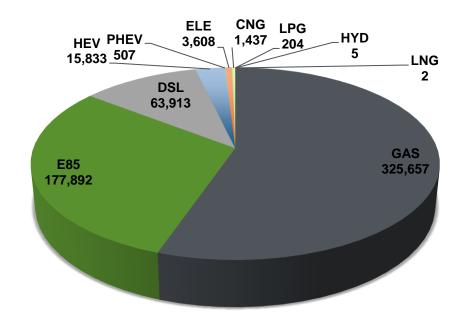
### WHY IS SEC 701 IMPORTANT?



### Total FY 2013 AFV Acquisitions by covered Federal Agencies



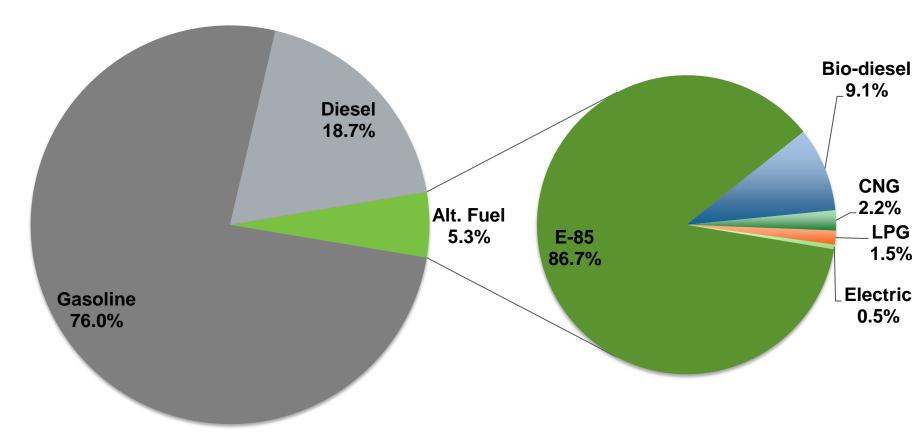
### Total FY 2013 AFV Inventory of covered Federal Agencies



### WHY IS SEC 701 IMPORTANT?

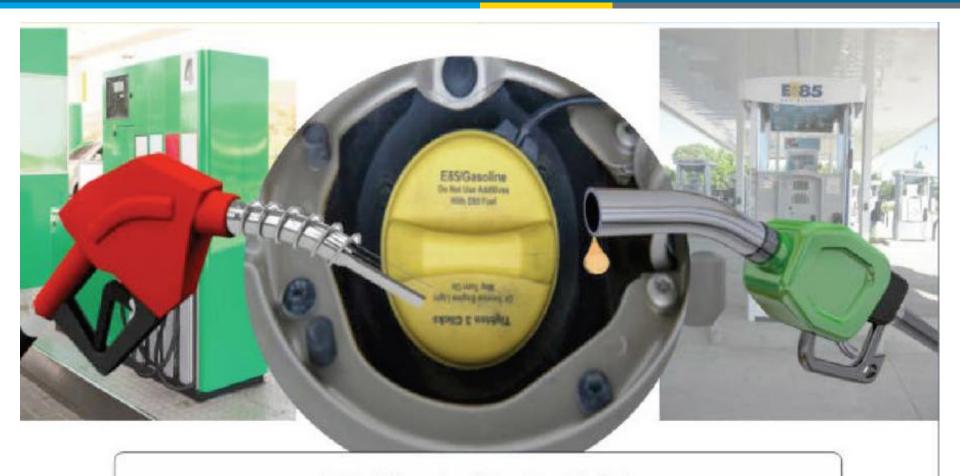


AFV's comprise 34% of all Federal vehicles, but Alternative Fuel is 5.3% of total Federal fuel use.



FY 2013 Total Fuel Use (GGE)

### WHAT IS A DUAL-FUEL VEHICLE?

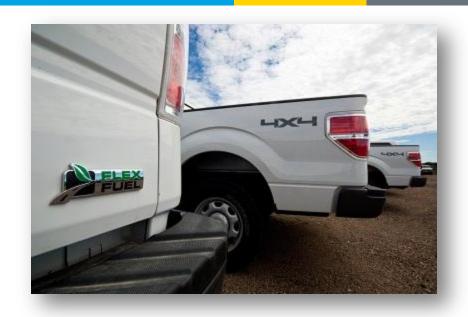


#### What is a dual-fuel vehicle?

Dual-fuel vehicles can operate on two different types of fuel, an alternative fuel and petroleum fuel.

### WHAT IS A DUAL-FUEL VEHICLE?





## E85 FLEX-FUEL VEHICLES (FFVs)

CNG, LNG, or LPG BI-FUEL VEHICLES

### WHAT IS COVERED?



ALL FEDERAL DUAL-FUEL VEHICLES MUST USE ALTERNATIVE FUEL AT ALL TIMES, UNLESS

> THE VEHICLE HAS BEEN GRANTED A WAIVER BY DOE

LAW ENFORCEMENT & **EMERGENCY VEHICLES ARE EXEMPT BUT ENCOURAGED TO USE** ALT FUEL AS MUCH AS **FEASIBLE** 



## **HOW TO COMPLY?**



### **TEACH YOUR FLEET MANAGERS & DRIVERS TO IDENTIFY E85 FFVs**



YELLOW GAS CAP



**FUEL DOOR** 



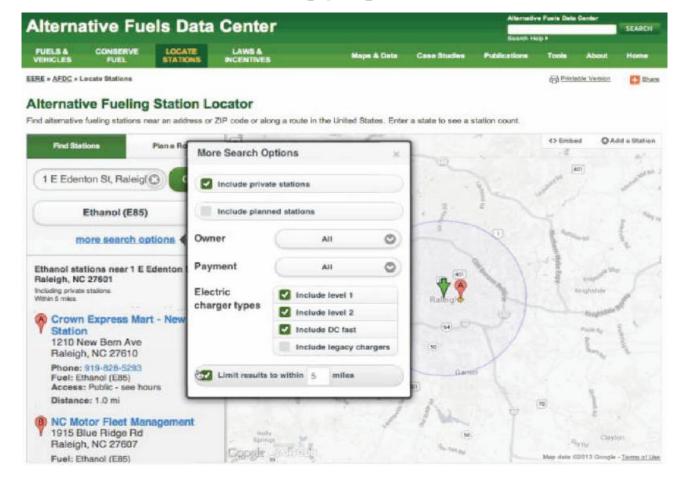
**OWNER'S BADGES MANUAL** 





### **USE DOE's STATION LOCATOR**

## http://www.afdc.energy.gov/locator/stations



### **WAIVER PROCESS?**



### WAIVER ELIGIBILITY

✓ INCONVENIENT AVAILABILITY:

Alt fuel cannot be obtained within 5 miles (one way) OR 15 minute drive from vehicle's operating location

✓ FUEL COST:

Alt fuel priced more per gallon than gasoline at the same station

### **WAIVER REQUEST PROCESS:**

Submit to FAST by June 30 each year

### **NEED HELP?**



- ✓ TAKE FEMP'S E-TRAINING
- ✓ REFER TO FEMP'S COMPREHENSIVE FEDERAL FLEET MANAGEMENT HANDBOOK

2. Welcome

✓ CONTACT US!



federalfleets.energy.gov

### Contacts



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